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(इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके)

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office Relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 22nd October 1988

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

234/4, ACHARYA JAGADISH BOSE ROAD
CALCUTTA-700 020

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 15th September 1988

772/Cal/88. Mezhotraslevoi Nauchno-Tekhnichesky Komplex "Mikrokhirurgia Glaza". Intraocular lens for amertropia correction.

773/Cal/88. Nauchno-Proizvodstvennoe Obiedinenie "Anitim USSR. Device for longitudinal rolling of profiles.

774/Cal/88. Nissei Jushi Kogyo Kabushiki Kaisha. A mold clamping device.

775/Cal/88. Combustion Engineering, Inc. A variable frequency, variable voltage motor control circuit for energizing on a. c. induction motor and for controlling the speed thereof. [Divisional dated 29th August, 1986.].

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778/Cal/88. Projects & Development India Ltd. An improved process for hydrolysis of urea with carbondioxide injection in the process condensate obtained from urea manufacturing and recovery of ammonia.

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785/Cal/88. The Babcock & Wilcox Company Flat laminated seal ring.

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APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES IIIRD FLOOR, SUN MILL COMPOUND LOWER PAREL (WEST, BOMBAY-400 013

The 18th July 1988

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203/Bom/88. Lubrizol India Ltd. A lubricating oil additive composition.

The 22nd July 1988

204/Bom/88. Dr. Mayank Shah. Improvements in or relating to air coolers.

The 26th July 1988

205/Bom/88. Krishna Kumar Rameshwar Trivedi. An improved acceleration device, in two and three wheeler vehicles.

206/Bom/88. Hindustan Lever Ltd. Cosmetic Composition.

207/Bom/88. Hindustan Lever Ltd. Liquid filled package having integral sealed application brush.

208/Bom/88. Japan Tobacco Inc., Apparatus for expanding material for foodstuffs, favorite items and the like.

209/Bom/88. Nirmal Pannalal. Waterproof moulded luggage.

The 27th July 1988

210/Bom/88. Chari Venkatesh Rajagopalan. An improved mouse for use with computers and terminals.

211/Bom/88. Dr. Ramesh Mohanlal Maheshwari. Respiratory breathing instrument lung vitilizer.

212/Bom/88. Bajaj Auto Ltd. Improved Seat for two wheeler motor vehicles.

213/Bom/88. Giriraj Services. Improved intra-uterine contraceptive device.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH
61, WALLAJAH ROAD, MADRAS-600 002

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618/Mas/88. Dr. M. Athmanathan. Dr. Athmanathan Artificial hand.

619/Mas/88. C. Vinod Kumar. Microprocessor based storage oscilloscope.

The 6th September 1988

620/Mas/88. Hoechst Aktiengesellschaft. A process for the preparation of 4-halo-3-oxo-2-alkoxy-iminobutyric esters.

621/Mas/88. Union Carbide Corporation. A process for the preparation of aluminoxanes.

622/Mas/88. Zellweger Uster AG. Apparatus for the automatic determination of thes count of a textile test sample, and application of the apparatus.

623/Mas/88. Victor Company of Japan, Ltd. Video signal recording and reproducing apparatus. (Divisional to Patent Application No. 486/Mas/85).

624/Mas/88. Victor Company of Japan, Ltd. Video signal recording and reproducing apparatus. (Divisional to Patent Application No. 486/Mas/85).

625/Mas/88. Maschinenfabrik Rieter AG. A method of and an apparatus for continuously crimping thermoplastic filaments.

626/Mas/88. Centro Nacional De Biopreparados. Method for obtaining a vaccine with wide protective range against group B neisseria meningitidis, the resulting vaccine, gammaglobulin and transfer factor.

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627/Mas/88. K. Neelakantan. Gadget for LPG stove for conservation of liquid petroleum gas.

628/Mas/88. Sanjeev S. R. Solid state slip monitoring system.

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631/Mas/88. Maschinenfabrik Rieter AG. Method of and apparatus for changing roving bobbins for a textile machine.

632/Mas/88. Gentex Corporation. Molding apparatus.

633/Mas/88. Palitex Project-Company GMBH. A two-for-one twisting spindle.

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636/Mas/88. J. George Michael. "ROHINI" Spinning Geometry.

637/Mas/88. Hitex Limited. Forming Thermoplastic web material.

638/Mas/88. Tao Hsuang. Ventilated soundproof glass.

ALTERATION OF DATE

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163645.
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(384/Cal/85)

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REGISTRATION OF DESIGNS

The followng design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 159375. Paul Legueu, a citizen of France, of 85, Avenue Mazy, 44380 Pornichet, France. "Motor Vehicle". 5th February, 1988.

Class 1. No. 159473. Parmar Brass Manufacturers, 3/20 Bhojrajpara, Opp. Railway Siding, Gondal-360 311 (Gujarat) India, a regd. Partnership firm. "Cylinder". 9th March, 1988.

Class 1. No. 159543. Mrs. Shobha Shrestha, An Indian National. 13, Palam Marg, Vasant Vihar, New Delhi-110 057. India. "Candle Stand". 29th March, 1988.

Class 1. No. 159765. Earl Bihari Private Limited, (a company incorporated under the Indian Companies Act) at 148-B, St. Cyrils' Road, Bandra, Bombay-400 050, State of Maharashtra. India. "Can/ Bottle Opener-Cum-Piercer". 30th May, 1988.

Class 1. No. 159990. Baldev Murajmal Totlani, 7th Floor, Amore, 316, Perry Cross Road, Bombay-400 050, State of Maharashtra, India, an Indian National. "Oil Filter". 27th July, 1988.

Class 3. No. 159442. Shree Udyog, a Proprietorship firm, whose address is 111, Sidharth, 96, Nehru Place, New Delhi-110 019, India. "Baton". 29th February, 1988.

Class 3. No. 159451. Everest Detergents Pvt. Ltd., a Company incorporated in India, having registered office at 16/12 Mondal Temple Lane, Calcutta-700 053, State of West Bengal, India. "Container". 2nd March, 1988.

Class 3. No. 159466. Vinishine Laboratories, an Indian Partnership firm. 3-4-744, Lingampally, Narayanguda, Hyderabad-500 027, Andhra Pradesh, India. "Bottle". 7th March, 1988.

Class 3. No. 159523. Rajesh Narang, Indian National, of 10t hFloor, Mehta Mahal, 15, Mathew Road, Bombay-400 004, Maharashtra, India. "Conatiner". 25th March, 1988.

Class 3. No. 159546. K-Plast (a registered Partnership firm) of Unit No. 27, Building No. 6, Mittal Estate, Andheri Kurla Road, Andheri (East) Bombay-400 059, State of Maharashtra, India. "Toy Briefcase". 29th March, 1988.

Class 3. No. 159549. Eagle Flask Private Limited, (a company incorporated under the Provisions of the Indian Companies Act) at Eagle Estate, Talegaon-410 507, District-Pune, State of Maharashtra, India. "Vacuum Jug". 29th March, 1988.

Class 3. No. 159553. Eagle Flask Private Limited, (a company incorporated under the Provisions of Indian Companies Act) at Eagle Estate, Talegaon-410 507, District-Pune, Maharashtra State, India. "Water Bottle". 29th March, 1988.

Class 3. No. 159554. Eagle Flask Private Limited, (a company incorporated under the Indian Companies Act) at Eagle Estate, Talegaon-410 507, District-Pune, State of Maharashtra, India. "Flask". 29th March, 1983.

Class 3. No. 159555. Dunlop India Limited, an Indian Company, of 37B, Mirza Ghalib Street, Calcutta-700 016, West Bengal, India. "Rickshaw Tyre". 30th March, 1988.

Class 3. No. 159596. Etablissements Regnault, a Societe Anonyme organised under the laws of France, of Chemin des Huguenots, 26000 Valence, France. "A Ball Point Pen Having a Cap with A Short Clip". 12th April, 1988.

Class 3. No. 159597. Etablissments Regnault, a Societe Anonyme organised under the laws of France, of Chemin des Huguenots, 26000 Valence, France. "A Ball Point Pen Having a Cap with A Long Clip". 12th April, 1988.

Class 3. No. 159777. Inalsa Private Limited, An Indian Company, Surya Kiran, 19-Kasturba Gandhi Marg, New Delhi-110 001, India. "Mixer Cum Grinder with Attachment". 2nd June, 1988.

Class 3. No. 159783. Rai Kumar Taela, M/s. Mickey Toys, 931 Kucha Pati Ram Bazar Sitaram Delhi-110 006 (India) Indian National. "Toy Stengun". 9th June, 1988.

Class 4. No. 159393. Ram Swarup Singh, of Industrial Estate, Daltonganj-822 101, Bihar, India, an Indian National. "A Spun Pipe Well Type Fall". 12th February, 1988.

Class 12. No. 159320. Matrix Design Consultants Private Limited, (a company incorporated under the Companies Act) at 63/2 Koregaon Park, Poona-411 001, State of Maharashtra, India. "Tensile Structure Roof". 27th January, 1988.

Class 12. Nos. 160001 & 160002. M/s. Indus Airconditioning Pvt. Ltd., of 371, Cadell Road, Prabhadevi, Bombay-400 028, Maharashtra, India, Indian Company. "Airconditioner". 28th July, 1988.

Extn. of Copyright for the Second period of five years.

Nos. 154160, 152966.	Class-1.
No. 154759.	Class-3.
No. 153592.	Class-4.
No. 153996.	Class-12.

Extn. of Copyright for the Third period of five years.

No. 154759.	Class-3.
No. 153592.	Class-4.

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"The classifications given below in respect of each specifications are according to Indian Classification and International Classification."

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CLASS 29-A. 163621

Int. Cl. : G 11 b 25/04.

"MAGNETIC DISK ASSEMBLY".

Applicant : SONY CORPORATION, OF 7-25 KITASHINAGAWA, 6-CHOME, SHINAGAWA-KU, TOKYO 141, JAPAN, A JAPANESE COMPANY.

Invenor : ETSURO SAITO.

Application for Patent No. 431/Del/1982 filed on 3rd June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A magnetic disc assembly comprising a magnetic disc and a hub member centrally positioned on said magnetic disc and having a non-circular opening for receiving a circular drive shaft rotatably to drive said magnetic disc, characterized in that said hub member including two reference surfaces which converage towards each other and respectively form two walls of said opening, and resilient means forming a unitary part of said hub member and having a surface which forms a third wall of said opening, said three walls being positioned and dimensioned such that when a circular drive shaft is received in said opening, said reference surfaces and said surface of said resilient means are all parallel to the axis of said drive shaft, and when said drive shaft is received in said opening said reference surfaces and said surface of said resilient means all tangentially contact said drive shaft so that said magneic disc is rotated when said drive shaft rotates.

Compl. specn. 19 pages. Drgs. 2 sheets

CLASS : 29-A. 163622

Int. Cl. : G 11 b 25/04.

"MAGNETIC DISC CARTRIDGE".

Applicant : SONY CORPORATION, OF 7-35 KITASHINAGAWA, 6-CHOME, SHINAGAWA-KU, TOKYO 141, JAPAN, A JAPANESE COMPANY.

Inventor : ETSURO SAITO.

Application for Patent No. 444/Del/1982 filed on 14th June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A magnetic disc cartridge comprising :

a jacket having top, bottom and four sidewalls;

a rotatable magnetic disc housed within said jacket for recording and/or reproducing signals thereon when said cartridge inserted into a recording and/or reproducing apparatus;

a guide groove extending longitudinally on one of said side walls of said jacket in the direction in which said cartridge is inserted into a cartridge holder of said apparatus, and said guide groove receiving a guide element on said cartridge holder to establish a predetermined orientation of said cartridge for insertion into said cartridge holder;

a pair of windows respectively provided in said top and bottom walls of said jacket; and

a shutter provided on said jacket so as to slide across said windows between a closed position and an open position, the open position exposing said magnetic disc in said windows; and

a portion of said shutter being exposed in said guide groove so as to be engaged by said guide element when said cartridge is properly inserted into said cartridge holder and thereby to slide said shutter from said closed position to said open position as said cartridge is further inserted.

Compl. specn. 13 pages. Drgs. 5 sheets

CLASS : 127 C. 163623

Int. Cl. : F 16 g 1/00.

AN ENDLESS FLEXIBLE POWER TRANSMISSION BELT.

Applicant : UNIROYAL INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW JERSEY, ONE OF THE UNITED STATES OF AMERICA, LOCATED AT WORLD HEADQUARTERS, MIDDLEBURY, CONNECTICUT 06749, U. S. A.

Inventors : THADDEUS FRANK CATHEY AND RODNEY JOHN NELSON.

Application for Patent No. 956/Del/84 filed on 22nd December, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

5 Claims

An endless flexible power transmission belt having a plurality of teeth separated by grooves, each tooth in longitudinal section being symmetrical about a tooth centre line, said tooth having a tooth tip portion, oppositely dos/psed convex curvilinear flank portions each extending from said tooth tip portion to a root portion, said root portion being demned by first and second arcs each approximating the arc of circle on opposite sides of said tooth centre line and extending into the corresponding flank portions, each groove having a base portion on the belt land line connecting said first arc of one tooth with said second arc of the next consecutive tooth, each said tooth having a height extending from the apex of said tooth tip portion to said belt land line and a width measured along a width-line extending between said convex curvilinear flank portions parallel to said belt land line and spaced therefrom by a distance of from 40% to 50% of said tooth height, each of said curvilinear flank portions being determined by an imaginary line drawn at an angle of between 19° and 25° with respect to said tooth centre line through the point at which said first and second arcs intersect said flank portion, said imaginary line thereby also intersecting said width-line at a point representative of from 94% to 98% of the distance along said width-line from said tooth centre line to said flank portion whereby each said convex curvilinear flank portions being beyond said imaginary line reduces belt vibration and unpleasant noise when the teeth of said belt mesh with the grooves of a pulley.

Compl. Specn. 14 pages. Drgs. 2 sheets.

CLASS : 32 E. 163624

Int. Cl. : C 08 f 15/00 & 15/36.

A PROCESS FOR THE PREPARATION OF COPOLYMERS BASED ON MALEIC ANHYDRIDE AND α, β -UNSATURATED COMPOUNDS.

Applicant : BAYER AKTIENGESELLSCHAFT, A BODY CORPORATE ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF LEVERKUSEN, BAYERWERK, FEDERAL REPUBLIC OF GERMANY.

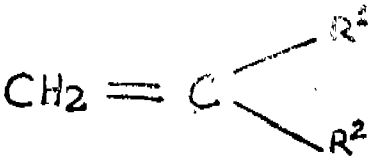
Inventors : GUNTER SACKMANN, JAN MAZANEK & WOLFGANG OBERKIRCH & HERBERT BARTL.

Application for Patent No. 23/Del/85 filed on 14th January, 1985.

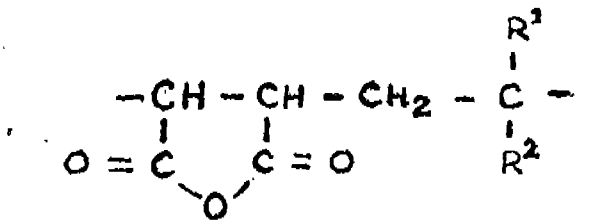
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

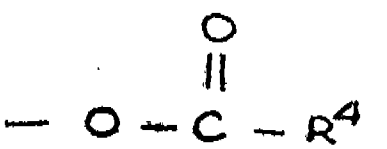
Process for the preparation of copolymers, based on maleic anhydride and α, β -unsaturated compounds of formula V



of the drawings, having an alternating copolymer with the structural element as shown in formula IB



of the drawings wherein R^1 and R^2 in formulae V and IB of the drawings are identical or different and denote hydrogen, alkyl, optionally substituted aryl or the ester group as shown in formula III



of the drawings in which R^4 represents alkyl with 1 to 20 carbon atoms is reacted with a primary monoalkylamine of the formula R^6 -NH_2, in which R^6 denotes an alkyl, cycloalkyl or optionally substituted alyl radical with 1 to 20 carbon atoms, and one or more alcohols of the formula R^{10}-OH in which R^{10} denoted alkyl with 1 to 40 carbon atoms, in the temperature range from 80 to 180°C and, if appropriate, the product is neutralised with a base such as herein described.

Compl. specn. 27 pages. Drg. 1 sheet

CLASS : 122, 167 c. 163625

Int. Cl. : B 03 c 3/00.

LOW VOLTAGE ROOM ELECTROSTATIC PRECIPITATOR.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.

Inventors : VIRENDRA SWARUP BHATNAGAR, HARJINDER SINGH AND MUTUKURI SIVANAGA SRINIVAS.

Application for Patent No. 128/Del/85 filed on 16 Feb. 1985

Complete specification left on 13 May 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A low voltage room electrostatic precipitator comprising a box having three compartments, one of which containing a fan at the outlet end of the precipitor for the suction of air, the middle compartment containing a material for removing adour from the air, the third compartment containing an array of parallel vartical plates fixed through frame plates for removal of dust particles from the air, a prefilter provided at the inlet end of the precipitator, the interverning space between each parallel plates at the bottom is coated with a radio active material for charging the dust particles, the said parallel plates being charged by a low voltage power supply, the inlet and the outlet ends being provided with perforated plates for the free passage of air.

Compl. specn. 8 pages. Drg. 1 sheet

CLASS : 163626

Int. Cl.[4] : C 07 J 9/00.

AN IMPROVED PROCESS FOR THE ISOLATION OF USEFUL STEROLS FROM SUGARCANE WAX.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : RAJAT BARAN MITRA, AND VIBODHCHANDRA HIRALAL KAPADIA.

Application for Patent No. 224/Del/85 filed on 18 March, 1985.

Complete specification date left on 27th May, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

An improved process for the isolation of sterols from sugar cane wax comprises, saponifying and acidifying the soft sugar cane wax, by treating the wax with NaoH and Hcl respectively, filtering washing the acidified product free from HCL and drying the product, dissolving the dried product in ethylene dichloride, cooling and filtering to remove the insoluble material, concentrating the filterate and dissolving the residue in petroleum etber, cooling and filtering.

Compl. specn. 9 pages.

CLASS : 180 & 85 G. 163627

Int. Cl. : F 23 k 1/04 & F 24 c 1/00.

"A FURNACE OPERABLE ON BIO MASS".

Applicant : PREM DUTTA GROVER, PROFESSOR, DEPARTMENT OF CHEMICAL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY, NEW DELH-110016, INDIA, AN INDIAN NATIONAL.

Inventor : PREM DUTTA GROVER.

Application for Patent No. 312/Del/85 filed on 16th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A furnace operable on biomass comprising a, primary chamber with a grate for supporting a primary fuel, such as coal or wood, an inlet at the base of said chamber for introduction of air, a jacket surrounding said chamber and spaced therefrom to define a secondary chamber, means for feeding air into said secondary chamber, means for feeding biomass waste into said secondary chamber, and means provided with said primary chamber for allowing a flow of gases produced by pyrolysis of the biomass from the secondary chamber into said primary chamber.

Compl. specn. 12 pages. Drg. 1 sheet

CLASS : 163628

nt. Cl[4] : C 23 F 11/00.

"A COMPOSITION SUITABLE FOR CORROSION INHIBITION AND A METHOD OF PREPARATON THEREOF".

Applicant : DEARBORN CHEMICAL COMPANY LIMITED, A CORPORATION OF ONTARIO, CANADA, OF 2393 DUNWIN DRIVE, SUITE 101, MISSISSAUGA, ONTARIO, CANADA L5L 1T1.

Inventors : JOHN JANOS NEMES, HARVEY WILSON THOMPSON AND JOHN EDWARD WALLER.

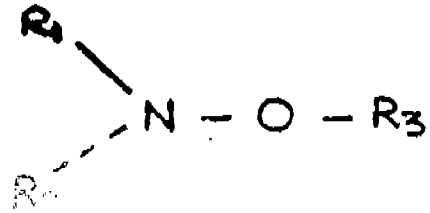
Application for Patent No. 315/Del/85 filed on 16th April, 1985

Convention date 18th April, 1984/452270/(Canada).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

20 Claims

A composition suitable for corrosion-inhibition which comprises (a) at least one hydroxylamine compound having the general formula shown in Figure (I)



in which R_1, R_2 and R_3 are independently hydrogen, lower alkyl or aryl, or a water soluble salt of said compound; (b) at least one of a quinone, a dihydroxybenzene, a diaminobenzene, or an aminohydroxybenzene compound; and (c) at least one neutralizing amine.

Compl. Specn. 14 pages. Drg. 1 sheet.

CLASS : 163629

Int. Cl.[4] : C 07 C 21/06.

"PROCESS FOR DEHYDROHALOGENATION OF ETHYLENE DICHLORIDE TO VINYL CHLORIDE".

Applicant : THE B F. GOODRICH COMPANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK 277 PARK AVENUE, NEW YORK, NEW YORK 10017, U.S.A. AND WITH BUSINESS OFFICES AT 500 SOUTH MAIN STREET, AKRON, OHIO 44318, U. S. A.

Inventor : ANGELO JOSEPH MAGISTRO.

Application for Patent No. 369/Del/85 filed on 30 Apr., 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

7 Claims

A process of dehydrohalogenation of ethylene dichloride to vinyl chloride at a temperature from 150° to 500°C. at a pressure from 1 to 20 atmospheres (1-21 kilograms/centimeter^2; 101,400 - 2,070,000 pascals) in the presence of oxygen, characterised in that a catalyst comprising of at rare earth metal chloride as herein described deposited on a zeolite is employed.

Compl. Specn. 25 pages. Drg. 1 sheet.

CLASS : 163630

Int. Class[4] : C07C 127/19.

PROCESS FOR THE PREPARATION OF BENZOYLUREA C COMPOUNDS.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., a Netherlands company, of Carel van Bylandtlaan 30, 2596 HR The Hague, The Netherlands.

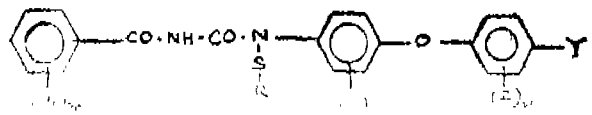
Inventor : MARTIN ANDERSON.

Application for Patent No. 663/Del/85 filed on 14th August 1985. Convention date August 17, 1984/8420930/(U.K.)

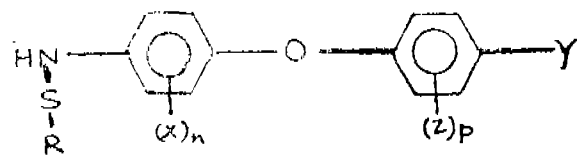
Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 CLAIMS

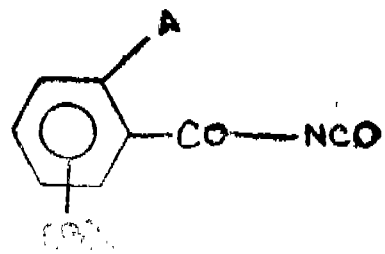
A process for the preparation of a compound of the general formula I



of the accompanying drawings in which each of A and B independently represents a halogen atom or an alkyl group; m is 0, 1 or 2; each of X, Y and Z independently represents a halogen atom or a cyano, nitro, alkyl or haloalkyl group, provided that X present is not a fluroine atom ortho to the nitrogen atom; n is 0, 1, 2, 3 or 4; p is 0, 1 or 2; and R represents a group —CO_2R^1,—SO_2R^1 or —NR_2R^3, in which R^1 represents an optionally substituted alkyl or aryl group; R^2 represents an optionally substituted alkyl or aryl group and R^3 represents an optionally substituted alkyl or aryl group, or a group of formula—CO_2R^4,—SO_2R^4,—COR^4,—$CO.CO_2R^4$,—CO. NR^5R^6 or $SO_2NR^5R^6$, in which R^4 represents an optionally substituted alkyl or aryl group, and each of R^5 and R^6 independently represents an optionally substituted alkyl or aryl group; or R^2 and R^3 together or R^5 and R^6 together represent an optionally substituted alkylene group; in each case, the optional substituents for an alkyl or alkylene group being selected from halogen, alkoxy, alkoxycarbonyl, haloalkoxycarbonyl, alkylcarbonyl, haloalkylcarbonyl, alkylsulphonyl and haloalkyl sulphonyl, and the optional substituents for an aryl group being selected from these substituents and also alkyl, haloalkyl, cyano and nitro, said process comprises reacting a Compound of the general formula II



of the drawings with a compound of the general formula III



of the drawing in which A.B.m, R, X, Y, Z, n and p have the meanings defined above in the presence of a solvent of the kind such as herein defined and at the temperature from 0°C to 100° C.

Compl. Specn. 25 pages. Drg. 1 sheet.

CLASS : 163631

Int. Cl.[4] : F 21 V 21/26.

AN ADJUSTABLE LAMP ASSEMBLY.

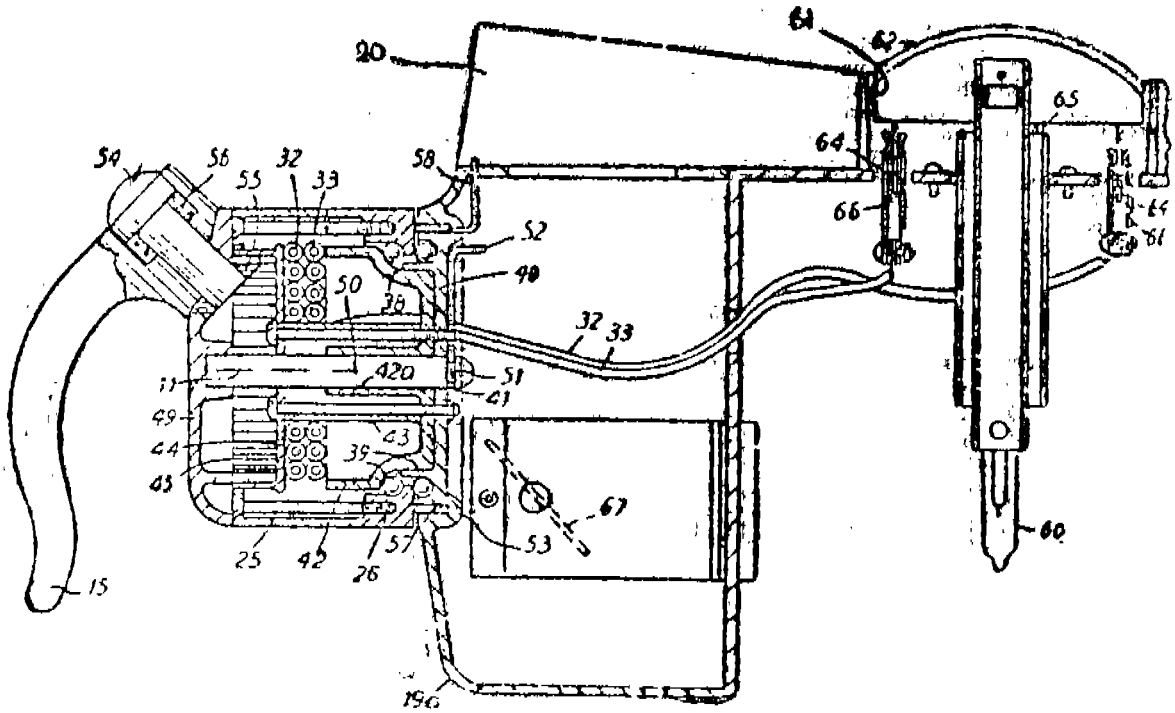
Applicant : J & D ORAM LIMITED, A BRITISH COMPANY, OF 243 HEATH ROAD, LEIGHTEN BUZZARD, BEDFORDSHIRE, ENGLAND.

Inventor : JOHN ANDERSON ORAM.

Application No. 204/Mas/84 filed March 28, 1984.

Convention dated : March 29, 1983. (No. 83 08693 United Kingdom).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.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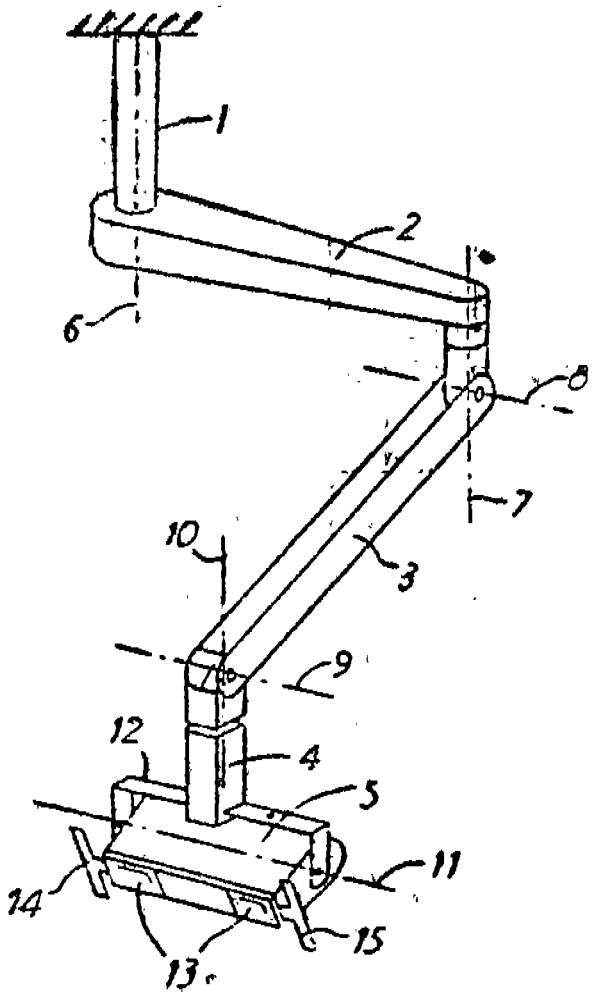
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10 Claims

An adjustable lamp assembly comprising a lamp unit mounted on a support, and bearing by means of which the lamp unit is rotatable with respect to the support about at least two axes, the lamp unit having an exit aperture for a light beam located to one side of one axis, and being connected to a handle for rotating the lamp unit between first and second positions in which the said aperture faces in the same pre-determined direction and is located on first and second sides, respectively, of the said one axis, the assembly further comprising a clutch which connects, the handle and the lamp unit and which, when released, allows the handle to be rotationally adjusted relative to the lamp unit.

Compl. specn. 12 pages. Drgs. 5 sheets

CLASS : 163632

Int. Cl. 4 —H 04 B 1/02

HIGH POWER TRANSMITTER HAVING AUTOMATIC CONTROL AND MONITORING MEANS.

Applicant : BBC BROWN, BOVERI LIMITED, OF CH-5401 BADEN, SWITZERLAND, A SWISS COMPANY.

Inventor: WOLFRAM SCHMINKE

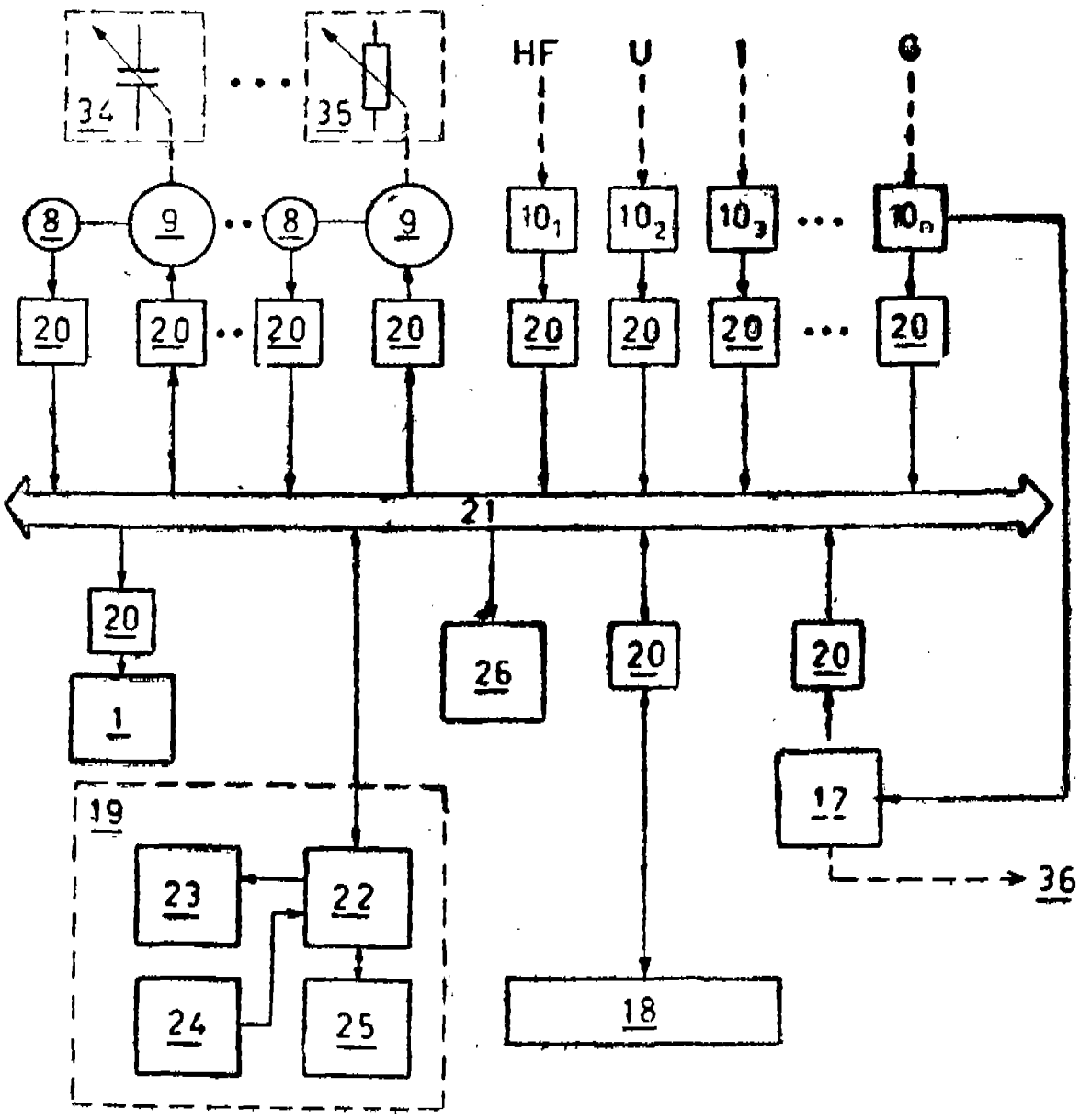
Application No. 952/Mas/84 filed December 4, 1984.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Madras Branch.

9 Claims

High Power transmitter having automatic control and monitoring means and is provided with a plurality of measuring points ($10/_1$.....$10/_n$) for measuring various operating parameters of the transmitter and a plurality of intervention points (34, 35, 36) for controlling the operatin parameters as a function of the measured actual values and predetermined nominal values, and a transmitter control. system (19) which, for exchanging data and control commands, is connected to the measuring points ($10/_1$.....$10/_n$) and the intervention points (34, 35, 36); characterised in that, for the exchange of data and control commands, a common data and address bus (21) operating serially is provided between the transmitter control system (19) and the measuring points ($10/_1$.....($10/_n$ and inetervention points (34, 35, 36) and each of the measuring and intrvention points ($10/_1$.....$10/_n$) and 34, 35, 36) respectively) is coupled via an addressable data and control port (20) to the data and address bus (21) and in the transmitter control system (19) a central proceeding unit (22) is provided for controlling the data and command exchange.

(Com.—16 pages; Drawing—3 sheets)



Int. Cl.[4] — C 01 F 7/02 & C01 B 33/26

A PROCESS FOR PRODUCING A SYNTHETIC CRYSTALLINE SILICOPHOSPHOALUMINATE MATERIAL.

Applicant : MOBIL OIL CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A., OF 150 EAST, 42ND STREET, NEW YORK, NEW YORK 10017, U.S.A.

Inventors : (1) ERIC GERARD DEROUANE
(2) ROLAND VON BALLMOOS

Application No. 985/Mas/84 filed December 14, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

A process for producing a synthetic crystalline silicophosphoaluminate material designated MCM—4 which, in its as-synthesized form exhibits a characteristic X-ray diffraction pattern as shown in Table 1-A of the specification and has the composition,

$$vA:M_{x/m}:(AlO_2)_{1-y}:(PO_2)_{1-x}:(SiO_2)_{x+y}:Nn-_{y/n}:WH_2O$$

wherein M is a cation of valence m as herein described, N is an anion of valence n as herein described, A is an organic directing agent or water-immiscible organic solvent, V is the number of moles of A, w is the number of moles of H_2O and x and y are numbers of from greater than-1 to less than +1 which satisfy the relationships :

(1) if x is O, then y is not O,

(2) if y is O, then x is not O,

(3) if the atomic ratio of Al/P is greater than 1, then x+y is greater than 0·001 and y+ 0·6x is less than 0·4 and

(4) if the atomic ratio of Al/P is less than 1, then x+y is greater than 0·001 and x + 0·5y is less than 0·5

comprising the steps of :

(i) preparing a two phase reaction mixture containing sources of aluminium, phosphorus and silicon, an organic directing agent and substantially water immiscible organic solvent, the molar composition of terms of oxides and organic components of the said reaction mixture being (A)a : $(M_2O)b$; $(Al_2O_3)c$: $(SiO_2)d$: $(P_2O_5)e$ (Solvent): (anion source)g : $(H_2O)h$ wherein A and M are as defined above a, b, c, d, e, f, g and h are numbers satisfying the relationships a/ (c+d+e) is less than 4, b/(c+d +e) is less than 2, d/(c+e) is less than 2, f/ (c+d+e) is from 0·1 to 15, g/(c+d+e) is less than 2, and h/(c+d+e) is from 3 to 150;

(ii) heating the said mixture at a rate of 5°C to 200°C per hour to a temperature from 80°C to 300°C;

(iii) agitating said reaction mixture in a manner sufficient to intimately admix said liquid organic and aqueous phases with each other;

(iv) maintaining said agitated reactio mixture a a temperature of from 80°C to 300°C and at a pH of from 2 to 9 until crystals of silicaphosphoaluminate material are formed;

(v) recovering from said reaction mixture said crystals in a conventional manner.

This novel synthetic crystalline silicophosphoaluminate material is useful in catalytic conversion of organic compounds.

(Com.—20 pages; Drwgs. —1 sheet)

Int. Cl[4]—C01 B 25/36,
C 01 F 7/02
C 01 B 33/26

SYNTHESIS OF SILICOPHOSPHOALUMINATE

Applicant : MOBIL OIL CORPORATION, A COPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A., OF 150 EAST 42ND STREET, NEW YORK-10017, UNITED STATES OF AMERICA.

Inventors : (1) ERIC GERARD DEROUANE
(2) ROLAND VON BALLMOOS
(3) ERNEST WILLIAM VALYOCSIK

Appliction No.990/Mas/84 filed December 14, 1984.

Appropriate Office for Opposition proceedings (Rule 4 Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A method for synthesizing crystalline silico-phosphoaluminate, which method comprises ;

(a) preparing reaction mixture comprising a liquid organic phase and a liquid aqueous phase, said reaction mixtur comprising water, sources of aluminium oxide, silicon oxide, phospohrus oxide, an organic directing agent A, inorganic cations M and anions N; and a substantially water-immiscible organic solvent, the components of said reaction mixture having the following relationships :

$$(A)a : (M_2O)b : (Al_2O_3)c : (SiO_2)d : (P_2O_5)e : (\text{solvent})f \quad (\text{anion source})g : (H_2O)h$$

wherein :

a, b, c, d, e, f, g and h are numbers satisfying the following relationships :

a/ (c+d+e) is less than 4,
b/ (c+d+e) is less than 2
d/ (c+e) is less than 2,
f/ (c+d+e) is from 0·1 to 15,
g/ (c+d+e) is less than 2, and
h/(c+d+e) is from 3 to 150,

wherein upon initial preparation of said reaction mixture the source of one of the aluminium, silicon or phosphorus oxides is dispersed or dissolved in said organic phase,

(b) heating said reaction mixture at a rate of from 5°C to 200°C per hour to a temperture of from 80°C to 300°C;

(c) agitating said reaction mixture in a manner sufficient to intimatelyadmix said liquid organic and aqueous phases with each other ;

(d) mainitaining said agitated reaction mixture at a temperature of from 80°C to 300°C and a pH of from 2 to 9 until crystals of silicophosphoalluminate material are formed; and

(e) Recovering from said reaction mixture silicophosphoaluminate material characterised by a composition, in the anhydrous state, as follows :

$$A/V : M/^{m+}{}_{x/m} : (AlO_2)_{1-y} : (PO_2)^{+}{}_{1-x} : (SiO_2)^{x+y} : N/n_{y-n}$$

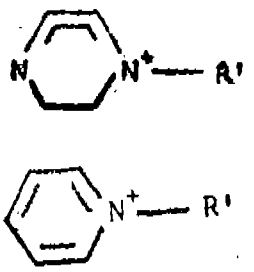
wherein 'A' represents the total of organic direction agent A plus organic solvent, v is the number of moles of 'A', m is the valence of cation M, n is the valence of anion, N, and x and y are numbers of from greater than -1 to less than +1 which satisfy the relationships:

(1) if x is O, the y is not O,

(2) if y is O, then x is not O,

(3) if the atomic ratio of Al/P is greater than 1, then (x+y) is greater than O and $y+0{\cdot}6\,x$ is less than 0·34, and

(4) if the atomic ratio of Al/P is less than 1, then (x+y) is greater than O and 0·5 is greater than $0{\cdot}2y+x$.



said silicophosphoaluminate having an ion exchange capacity of at least about 0·002 meq/g.

Compl. Specn. 11 pages. Drg. 1 sheet.

CLASS : 163635

Int. Cl.[4] : B 65 H 54/40.

A METHOD AND APPARATUS FOR PRODUCING THREAD PACKAGES OF PREDETERMINED EFFECTIVE LENGTH.

Applicant : MASCHINENFABRIK RIETER AG, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventors : MARKUS ERNI, KURT SALVISBERG.

Application No. 32/Mas/85 filed 16 January 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-2.

8 Claims

An apparatus to produce thread packages of predetermined effective length comprising rotating means for rotating a yarn package during a winding operation, means to produce an output signal based on the rotation of the rotating means, adjustably settable means to receive said output signal and transmit a winding termination signal when a predetermined rotation of the rotating means has taken place during a given winding operation.

Compl. specn. 22 pages. Drg. 1 sheet

Int. Cl.[4] : B 32 B 33/00. 163636

LAMINATED MATERIAL AND METHOD FOR MANUFACTURING THE SAME.

Applicant : TETRA PAK INTERNATIONAL AB, OF BOX 61, S-22100 LUND, SWEDEN, A SWEDISH COMPANY.

Inventor : THORBJORN ANDERSON.

Application No. 278/Mas/85 filed 11th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-2.

6 claims

Mechanically strong and heat-sealable laminated material for packing purposes which has good oil-resistance properties, comprising :

(a) a rigid foldable carrier layer (1) such as paper, card board or rigid foamed plastic,

(b) an outside layer (2) of thermoplastic applied to one side of the carrier layer (1),

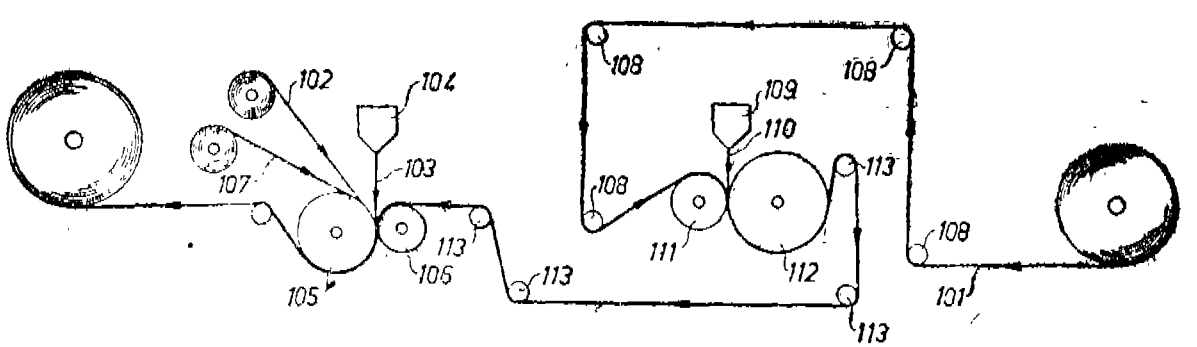
(c) a first binder layer (3) of thermoplastic applied to the other side of the carrier layer,

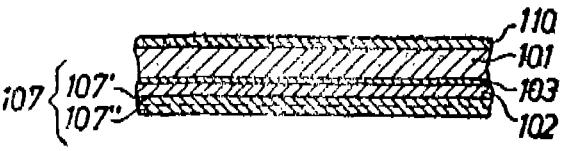
(d) a layer (4) of aluminium foil placed against the first binder layer of thermoplastic,

(e) a second binder layer (7) of a bonding thermoplastic of low sealing temperature applied to the surface of the aluminium foil (4), and

(f) an inside layer (6) of blown thermoplastic film attached to the second binder layer (7).

Complete specification 24 pages and darwings 5 sheets.





Int. Cl.[4] : A 23 L 1/20. 163637

A PROCESS FOR THE PREPARATION OF FOOD PRODUCT BASED ON VEGETABLE PROTEINS.

Applicant : SOCIETE DES PRODUITS NESTLE S.A., CASE POSTALE 353, 1800 VEVEY, SWITZERLAND, A COMPANY INCORPORATED IN SWITZERLAND.

Inventor : ULRICH AMMANN.

Application No. 527/Mas/86 filed 9 July 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 claims

A process for the preparation of a food product based on vegetable proteins from pulses and oilseeds; wherein the said pulses and oilseeds are subjected to a first treatment with steam for 30s to 15 minutes at 100 to 130°C, ground and mixed with water to obtain a paste having a dry matter content of from 50 to 70% by weight, the paste is shaped, subjected to a second treatment with steam for 30s to 15 minutes at 100 to 130°C, dried and cut up into desired shapes and size before or after drying in hot air at 70 to 90°C for 1 to 4h to a residual water content of from 3 to 4% by weight.

Complete specification 25 pages and drawings 'NIL'.

Int. Cl.[4] : C 07 D 277/20. 163638

PROCESS FOR THE PREPARATION OF N-SULFAMYL-3- (2-GUANIDINO-THIAZOL-4-YL-METHYLTHIO)-PROPIONAMIDINE.

Applicant : RICHTER GEDEON VEGYESZETI GYAR RT., OF GYOMROI UT 19/21, BUDAPEST X., HUNGARY, A HUNGARIAN COMPANY.

Inventors :

1. PETER BOD
2. KALMAN HARSANYI
3. EVA CSONGOR NEE AGAI
4. ERIK BOGSCH
5. EVA FEKECS
6. FERENC TRISCHILER
7. GYORGY DOMANY
8. ISTVAN SZABADKAI
9. BELA HEGEDUS.

Application No. 665/Mas/86 filed August 18, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 claims

A process for the preparation of N-sulfamyl-3-(2-guanidino-thiazol-4-yl-methylthio)-propionamidine of formula-I of the accompanying drawings (famotidine) which

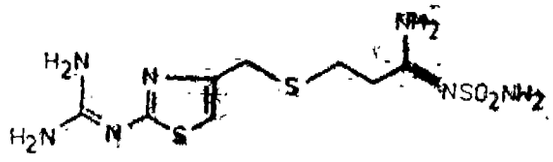


Fig. I

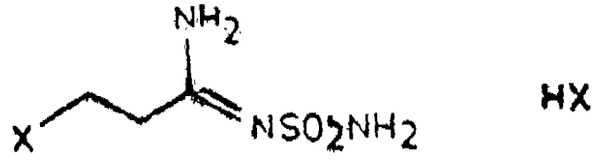


Fig. II

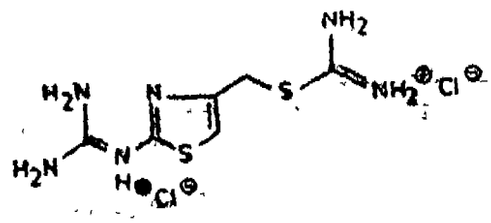


Fig. III

comprises reacting S-(2-guanidino-thiazol-4-yl-methyl)-isthiourea dihydrochloride of the formula III of the accompanying drawings with a base at a temperature of 0° to 50°C to obtain 2-guanidino-thiazol-4-yl-methanethiol which is S-alkylated with a N-sulfamyl-3 halo-proponamidine hydrohalide of the formula II of the accompanying drawings wherein x stands for halogen, the N-sulfamyl-3-(2-guanidino-thiazol-4-yl-methylthio)-propionamidine thus formed is recovered in a known manner.

This drug is one of the most promising anti-ulcer compounds, inhibiting gastric and intestinal ulceration on the basis of a histamine H 2-receptor blocking mechanism.

Complete specification 14 pages. Drg. 1 sheet.

Int. Cl.[4] : C 07 C 143/70. 163639

PROCESS FOR THE PRODUCTION OF ARYLSULFONYL HALIDES.

Applicant : STAUFFER CHEMICAL COMPANY, OF WESTPORT, CONNECTICUT 06881, U.S.A. OF AMERICAN NATIONALITY.

Inventors : (1) LOUIS FRANCIS BOLZAN AND (2) EDWARD DAVID WEIL.

Application No. 944/Mas/86 filed December 4, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 claims

A process for the production of arylsulfonyl halides comprises preparing a mixture of an arylsulfonic acid such as hereindescribed with 0.02 to 2% by weight of a phasphorous containing additive selected from phosphorus, phosphorus acid, phospheric acid, phosphorous oxychloride, phospharous trichloride, phosphorous oxychloride, phosphorous pentachloride, esters of phosphoric acid and esters of phosphorous acid reacting the said mixture with a sulfur halide and a halogen; and recovering the arylsulfonyl halide by distillation.

The compounds prepared according to this invention are useful intermediates in the manufacture of biologically active compounds.

Complete specification 11 pages. Drgs. 2 sheets.

Int. Cl.[4] : C 01 c 1/04, c 07 c 126/067.

AN IMPROVED PROCESS FOR THE COMBINED PRODUCTION OF AMMONIA AND UREA.

Applicant : LINDE AKTIENGESELLSCHAFT, OF ABRAHAMA LINCOLN-STRASSE 21, D-6200 WIESBADEN, FEDERAL REPUBLIC OF GERMANY.

Inventor : GERHARD RANKE, DR. ULRICH SCHRADER.

Application No. 8/Mas/85 filed 2 January 1985.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 claims

In a known process for the combined production of ammonia and urea, comprising the steps of reacting gas containing hydrocarbons with steam in a steam reformer, reacting residual hydrocarbon in a downstream secondary reformer with air, reacting resultant CO in a shift converter to form CO_2 and H_2, scrubbing resultant ammonia synthesis gas consisting essentially of hydrogen, nitrogen and carbon dioxide with a physical solvent to remove CO_2, regenerating resultant CO_2-loaded physical solvent to recover a CO_2 stream by reducing the pressure on the solvent to a first intermediate pressure fo degassing of the coabsorbed inerts and then to a second intermediate pressure for removal of most of the CO_2, passing said CO_2 stream to urea synthesis, reducing the pressure on the solvent loaded with residual CO_2 to a final pressure for removal of the residual CO_2, and recycling resultant regenerated solvent to the scrubbing step, characterized in that the solvent loaded with residual CO_2 is treated at the final pressure with air as the srtpping gas; that a mixture of the air together with said residual CO_2 is recovered from the stripping step and that said mixture is fed into the secondary reformer.

Complete specification 12 pages and drawings 2 sheets.

The improved process of manufacture of Ammonia and Urea is energy efficient and has got vide application in chemical industry especialy in the field of fertilizers.

Int Cl. : CO 1G 23/04 163641

A PROCESS FOR PREPARING A PHOSPHATO TITANAT ; ADDUCTS."

Applicant : KENRICH PETROCHEMICALS, INC., a corporation organised under the laws of the State of Delawar, United States of America, whose post office address is the Foot of East 22nd Street, Bayonne, New Jersey 7002, United States of America.

Inventors : SALVATORE JOSEPH MONTE & GERALD SUGERMAN.

Application for patent No. 605/Del/80 filed on 19th August 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office branch, New Dalhi-5.

2 Claims

A process for preparing a phoshato-titanate adduct having the Formula 1

$$XcTi\,[OP(0)(OR^1)OP(0)(OR^2)(OR^3)]_{4-c}\,-(NR^4R^5R^6d)\,[P(OR^7)(OR^8)(OR^9)]e$$

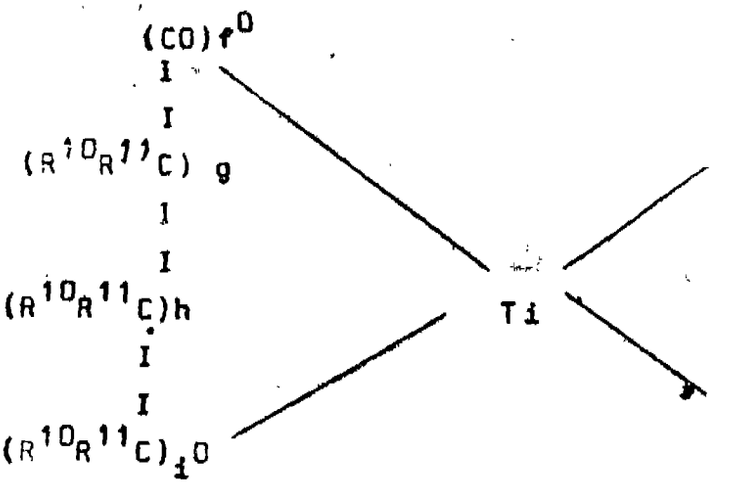
which comprises reacting a compound having the Formula IV.

$$XcTi\,OP[(0)(OR^1)OP(0)(OR^2)(OR^3)]4-c$$

with one or more of the compounds selected from the compounds having Formula II and Formula III.

$$P(OR^7)(OR^8)(OR^9) \qquad NR^4R^5R^6$$

wherein c is 1 or 2; d is 0, 1 or 2; e is., 1 or 2; with the proviso that d plus e must be 1 or 2; with the proviso that if c is 1, X must be RO-; and with the proviso that when c is 2, X is either RO:- or a group which taken together with the Ti to which it is attached forms a ring having the Formula VI.



wherein each of f, g, h and i is 0 or 1, with the provisio that at least one of g, h, and i is 1 and that the sum of f, g, h and i is 2 or 3; and wherein each R is independently selected from C_1 to C_{10} alkyl, C_3 to C_{10} alkenyl, C_7 to C_{10} aralkyl, C_2 to C_{10} oxyalkylene, and C^3 to C^{10} dioxyalkylene R^1, R^2, R^3, R^4 R^7 each R^{10} and each R^{11} are independently selected from hydrogen, C_6 to C_{10} aryl, C_7 to C_{20} arakyl, C_1 to alkyl, C^3 to C^{20} alkenyl, C^2 to C^{20} oxyalkylene and C^3 to C^{20} oligooxyalkylene, with the provisio that one and only one of R^1, R^2, and R^3 is hydrogen; R^5 R^6, R and R^9 are independently selected from the same groups as are R^1, R^3, R^4, R^7 each R^{10} and each R^{11}, except that R^5, R^6, R^8 and R^9 may not be hydrogen, and in addition, R^5 and R^6 are independently selected from C_1 to C_{10} alkanol, C_2 to C_6 alkadiol, C^7 to C^{10} aralkanol, substituted C_1 to C_{10} alkyl, substituted C_3 to C_{10} alkenyl, substituted C_6 to C_{10} aryl and substituted C_7 to C_{10} aralkyl, these last four groups being optionally substituted with 1 to 3 carboxylate groups or from 1 to 3 carboxamide groups, each such carboxylate group and each such carboxamide group being saturated or unsaturated and having from 1 to 5 carbon atoms; with the proviso that when aromatic are present in any one of R, R^2, R^3, R^4, R^7, R^{10} or $R11^{\prime}$ each of said carbons is optionally substituted with 1 or 2 independently selected halogen atoms.

Useful in controlling the viscosity flow end the conductivity of many filled resins.

(Complete specification : 34 pages) (Drawing 1 sheet).

CLASS : 163642

Int. Cl.[4] : B 64 C 11/06.

VARIABLE-PITCH MULTI-BLADE PROPELLER INTENDED IN PARTICULAR TO BE USED AS TAIL ROTOR OF A ROTORCRAFT.

Applicant : SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF FRANCE, OF 37, BOULEVARD DE MONTMORENCY, PARIS, FRANCE.

Inventors : BERNARD JAUGEY, RENE LOUS MOUILLE, MARC DECLERCO & JEAN PIERRE JALAGUIER.

Application for Patent No. 223/Del/84 filed on 12th March, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

17 Claims

A variable-pitch multi-blade propeller intended in particular to be used as tail rotor o fa rotorcraft, and comprising ;

a central shaft driven ni rotation about a central axis, a hub rotating with the central shaft about said axis, blades in an odd number, each comprising

a shell with aerodynamic profile constituted by at least one layer of fiber fabrics with high mechanical resistance and rigid being impregnated with a polymerized synthesic resin, inner end of said shell extending to a blade root,

a filling body made of cellular of foam synthetic material disposed in the shell,

a spar whose longitudinal axis is substantially parallel to that of the blade and constituted by a single elongated leaf of fibers with high mechanical resistance agglomerated by a polymerized synthetic resin, of which the major part is fixed in the shell and of which one inner end part extends from shell on passing through the blade root, forms a twistable and flexible root part by which the spar is connected to the hub, the blade root being firmly connected with a pitch control member for controlling the angle of attack, which exerts on the shell a torsional moment, substantially centred on the longitudinal axis of the spar, when said pitch control member is actuated by an assembly of a plate, a cheek and a shaft for collectively controlling the pitch of said blades, and which is mounted in the hub to rotate about said blade longitudinal axis of the corresponding blade, and wherein each blade is individually connected to the hub by the root part of the spar, which is in the form of a loop which surrounds, by its inner end, a single connection element bolted on the hub.

Compl. specn. 31 pages. Drgs. 4 sheets

CLASS : 163643

Int. Cl.[4] : C 07 C 153/01, 153/07.

"IMPROVED PROCESS FOR THE PREPARATION OF THIOETHERS (SULPHIDES)".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : BANDARU RAJANIKANATH & BHAGAVATHULA RAVINDRANATH.

Application for Patent No. 556/Del/84 filed on 9th July, 1984.

Complete specification left on 25th January, 1985.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-5.

7 Claims

An improved process for the preparation of thio ethers which comprises heating an alkyl helide of the formula RX where R is an alkyl group and X is a halogen with a compound of the formula R^1 SH where R^1 is an aryl, alkyl group in an aprotic solvent and in the presence of a zinc salt and a base.

Provisional Specification 8 pages. Compl. specn. 6 pages.

Int. Class : CO1G 23/04. 163644

Title : A PROCESS FOR PREPARING A PHOSPHATO-TITANATE ADDUCT.

Applicant : KENRICH PETROCHEMICALS, INC., a corporation organised under the laws of the State of Delaware, United States of America, whose post office address is the Foot of East 22nd Street, Beyonne, New Jersey 07002, United States of America.

Inventor : SALVATORE JOSEPH MONTE and GERALD SUGERMAN.

Application for Patent No. 608/Del/84 filed on 27th July, 1984 Divisional to Application No.605/Del./80 filed on 19th August 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

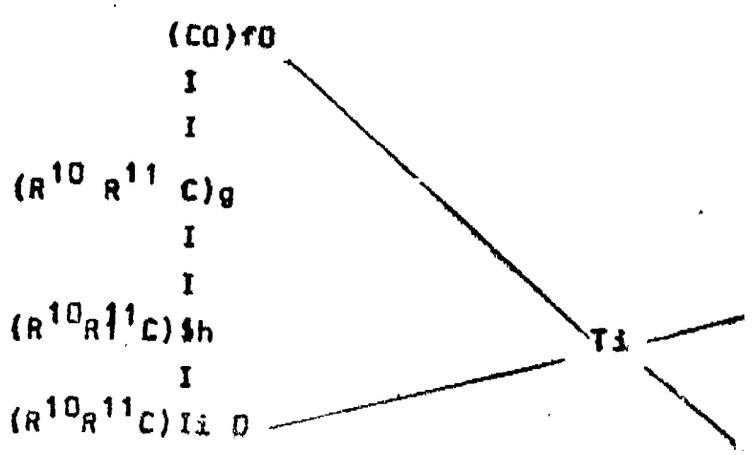
(2 Claims)

A process for preparing a phosphato-titanate adduct having the Formula I.

$$X_cTi\,[OP(O)(OR^1)OP(O)(OR^2)(OR^3)]\;4\text{-}C\text{--}(NR^4R^5R^6)$$

$$[P(OR^7)(OR^8)(OR^9)]_e$$

shown in the accompanying drawings wherein c is 1 or 2; d is 0, 1 or 2; e is 0, 1 or 2; with the proviso that d plus e must be 1 or 2, with the proviso that if c is 1, X must be RO—; and with the proviso that when c is 2, X is either RO— or a group which taken together with the TI to which it is attached forms a ring having the Formula VI.



shown in the accompanying drawings, wherein each of f, g, h and i is 0 or 1, with the proviso that at least one of g, h, and i is and that the sum of, g, h and i is 2or 3; and wherein f, each R is independently selected from C_1 to C_{10} alkyl, C_3 to C_{10} alkenyl, C_7 to C_{10} aralkyl, C_2 to C_{10} oxyalkylene, and C_3 to C_{10} dioxyalkylene; R^1, R^2, R^3, R^4, R^7, each R^{10} and each R^{11} are independently selected from hydrogen, C_6 to C_{10} aryl, C_7 to C_{20} aralkyl, C_1 to C_{20} alkyl, C_3 to C_{20} alkenyl, C_2 to C_{20} oxyalkylene and C_3 to C_{20} obligooxyalkylene, with the proviso that one and only one of R^1, R^2 and R^3 is hydrogen; R^5, R^6, R^8 and R^9 are independently selected from the same group as are R^1, R^2, R^4, R^7, each R^{10} and each R^{11}, except that R^5, R^6, R^8 and R^9 may not be hydrogen and in addition, R^5 and R^6 are independently selected from C_1 to C_{10} alkanol, C_2 to C_6 alkadiol C_7 to C_{10} aralkanol, substituted C_1 to C_{10} alkyl, substituted C_3 to C_{10} alkenyl, substituted C_6 to C_{10} aryl and substituted C_7 to C_{10} aralkyl, these last four groups being optionally substituted with 1 to 3 carboxylate groups or from 1 to 3 carboxamide groups, each such carboxylate group and each sueh carboxamide group being saturated or unsaturated and having from 1 to 5 carbon atoms; with the proviso that when aromatic carbons are present in any one of R, R^2, R^3, R^4, R^7, R^{10} or R11, each of said carbons is optionally substituted with 1 or 2 indepen dently selected halogen atoms which comprises reacting a compound having the Formula VII.

$HOP(0)(OR^1)OP(0)(OR^2)(OR^3)$

wherein R_1, R_2 and R_3 are as defined above, with a compound having a Formula II

$P(OR^7)(OR^8)(OR^9)$

wherein R^7, R^8 and R^9 are as defined above and thereafter reacting the reaction product with one or more of the compounds having the Formula VIII

$(RO)_4$ Ti

wherein the group RO- taken together with TI to which it is attached is as defined above, and if desired reacting the reaction product with a compound of Formula III

$NR^4R^5R^6$

wherein R^4R^5 and R^6 are as defined above and d is 1 or 2.

Complete Specification—34 nages.

(Drawing—1 sheet)

Int. Class[4] : CO1G 23/04 163645

Title : A PROCESS FOR PREPARING A PHOSPHA-TO-TITANATE ADDUCT.

Applicant : KENRICH PETROCHEMICALS, INC., a corporation organised under the laws of the State of Delaware, United States of America, whose post office address is the Foot of East, 22nd Street, Beyonne, New Jersey 07002, United States of America.

Inventor : SALVATORE JOSEPH MONTE and GERALD SUGERMAN.

Application for Patent No. 609/Del/84 filed on 27th July, 1984

Divisional to Application No. 605/Del/80 filed on 19th August, 1980.

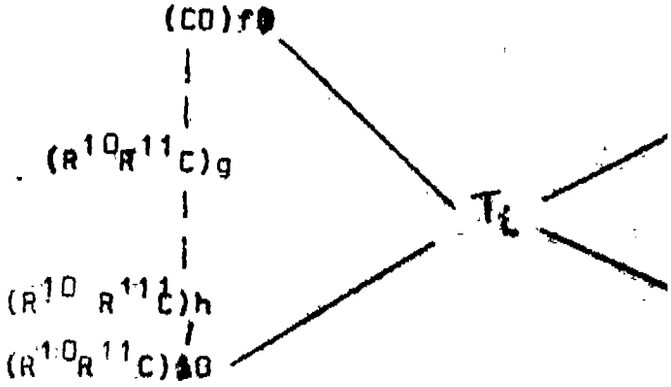
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, New Delhi-110005.

2 Claims

A process for preparing a phosphato-titanate adduct having the Formula I.

X-Ti [OP(O) (OR^1)OP(O)(OR^2) (OR^3)] 4—C—(NR^4 R^5 R^6)d [P(OR^7) (OR^8) (OR^9)] C

shown in the accompanying drawings wherein C is 1 or 2; d is 0, 1 or 2; ; e is 0, 1 or 2; with the proviso that if c is 1, X must be RO-; and with the proviso that when c is 2, X is either RO- or a group which taken together with the Ti to which it is attached firns a ring having the Formula VI



in the accompanying drawings, wherein each of f, g, h and i is 0 or I, with the proviso that at least one of g, h, and i is 1 and that the sum of f, g, h and i is 2 or 3; and wherein each R is independently selected from C_1 to C_{10} alkyl, C_3 to C_{10} alkenyl, C_7 to C_{10} aralkyl, C_2 to C_{10} oxyalkylene, and C_3 to C_{10} dioxyalkylene; R^1, R^2, R^3, R^4, R^7, each R^{10} and each R^{11} are independently selected from hydrogen, C_6 to C_{10} aryl, C_7 to C_{20} aralkyl, C_1 to C_{20} alkyl, C_3 to C_{20} alkenyl, C_2 to C_{20} oxyalkylene and C_3 to C_{20} oligooxyalkylene, with the proviso that one and only one of R^1, R^2 and R^3 is hydrogen; R^5, R^6, R^8 and R^9 are independently selected from the same groups as are R^1, R^2, R^4, R^7, each R^{10} and each R^{11}, except that R^5, R^6, R^8 and R^9, may not be hydrogen, and, in addition, R^5 and R^6 are independently selected from C_1 to C_{10} alkanol, C_2 to C_6 alkadiol, C_7 to C_{10} aralkanol, substituted C_1 to C_{10} alky, substituted C_3 to C_{10} alkenyl, substituted C_6 to C_{10} aryl and substituted C_7 to C_{10} aralkyl, these last four groups being optionally substituted with 1 to 3 carboxylate groups or from 1 to 3 carboxamide groups, each such carboxylate group and each such carboxamide group being saturated or unsaturated and having from 1 to 5 carbon atoms; with the proviso that when aromatic carbons are present in any one of R, R^2, R^3, R^4, R^7, R^{10} or R^{11}, each of said carbons is optionally substituted with 1 or 2 independently selected halogen atoms which comprises reacting a compound having the Fromula V

$(RO)_4$Ti [(P) (OR^7) (OR^8) (OR^9)] d

wherein R^7, R^8, R^9, d and the groups RO- taken together with Ti to which it is attached are all as defined above, with a compound having the Formula VII

HOP(0) (OR[1])OP (0) (OR[2]) (OR[3])

wherein R^1, R^2 and R^3 are all as defined above, and if desired, reaction product with a compound of Formulla III

$NR^4R^5R^6$

wherein R^4, R^5 and R^6 as defined above and d is 1 or 2.

(Complete specification 34 pages Drawing sheet 1.)

CLASS : 163646

Int. Cl.[4] : B 44 D 3/12.

LIDDED PAINT CONTAINER—PAINT COMBINATION.

Applicant : IMPRIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY, OF IMPRIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventors : LEONARD SIDNEY GEORGE HARTRIDGE, DAVID WILLIAM TAYLOR AND ROGER LLOYD WATERS.

Applicantion for Patent No. 820/Del/84 filed on 22nd October, 1984.

Convention dates 02-11-83, 10-11-83, 02-08-84/Nos. 8329299, 8329955, 8419720/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A lidded paint container-paint combination which comprises (i) a container comprising a tray adapted to receive roller applicator, said tray being closeable by a lid when the container is not in use and (ii) a highly structured shape-retaining solid aqueous paint contained within said tray, said paint comprising as essential ingredients a latex polymer dispersion as herein defined, a thickener and a structuring agent selected from natural and synthetic clays; titanium chelates; zirconium chelates; and mixture thereof, the paint

(1) when intended to produce a coating having a relatively smooth, non-textured surface having

(a) a gel strength (as herein defined) of at least 100 g. cm when measured 4 weeks from manufacture and a gel strength of not greater than 400 g. cm when measured 1 year from manufacture and

(b) a viscosity (when measured by a technique, including a preshearing step, as herein defined) in the range 1.5 -13 poise 4 weeks from manufacture and which remains in this range 24 weeks from manufacture, or

(2) when intended to produce a coating having a textured, patterned, relief surface having

(a) a gel strength (as herein defined) of at least 100 g. cm when measuder 4 weeks from manufacture and a gel strength of not greater than 400 g. cm when measured 1 year from manufacture, and

(b) a viscosity (when measured by a technique including a preshearing step, as herein defined) in the range 1.5 - 50 poise 4 weeks from manufacture and which remains in this range 24 weeks from manufacture.

Compl. specn. 16 pages.

CLASS : 163647

Int. Cl.[4] : C 08 J 7/12.

"A PROCESS FOR PREPARING STABILIZED SYNTHETIC ELASTOMERS."

Applicant : THE FIRESTONE TYRE & RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO UNITED STATES OF AMERICA, OF 1200 FIRESTONE PARKWAY, AKRON, STATE OF OHIO 44317, UNITED STATES OF AMERICA, MANUFACTURERS.

Inventors : EDWARD LEO KAY & RICHARD GUTIERREZ.

Application for Patent No. 393/Del/85 filed on 10th May, 1985.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-5.

10 Claims

A process for preparing a stabilized synthetic elastomer comprising :

mixing in any known manner the synthetic elastomer of the kind such as herein described with from 0.5 to 20 parts by weight of a guayule resin per 100 parts by weight of said synthetic elastomer.

Compl. specn. 21 pages.

CLASS : 163648

Int. Cl.[4] : H 01 b 11/00.

"AN OPTICAL CABLE ELEMENT."

Applicant : BICC PUBLIC LIMITED COMPANY, A BRITISH COMPANY, OF 21, BLOOMSBURY STREET, LONDON WC1B 3qn, ENGLAND.

Inventors : STEPHEN PETER DRISKELL.

Application for Patent No. 485/Del/1985 filed on 19 Jun, 1985.

Convention date June 22, 1984/841599/U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-5.

10 Claims

An optical fibre cable element comprising a tape of plastics material having transversely spaced on and secured to one surface of the tape at least two electric conductors, each insulated with plastics material, extending lengthwise of the tape, a second tape of plastics material overlying and secured to the transversely spaced plastics insulated electric conductors to form between the or each adjacent pair of plastics insulated conductor an elongate compartment and, loosely housed in the elongate and movable relative to the tapes and plastics insulated conductors, at least one optical fibre whose diameter is substantially less than the smallest transverse dimension of the elongate compartment.

Compl. specn. 10 pages. Drgs. 2 sheets

CLASS . 163649

Int. Cl.[4] : C01 B 33/02.

"A PROCESS FOR THE PRODUCTION OF SILANE".

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION OF INDIA, OF 20-22, ZAMROODPUR, COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110048, INDIA, A GOVERNMENT OF INDIA UNDERTAKING AND INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, WEST BENGAL AN EDUCATIONAL AND RESEARCH ORGANIZATION ESTABLISHED BY GOVERNMENT OF INDIA.

Inventors : HIRENDRA NATH ACHARYA, HARIDAS BANERJEE AND NIRMAL CHANDRA ROY.

Application for Patent No. 875/Del/85 filed on 18th October, 1985.

Ante-dated to 8th September, 1982.

Divisional to application No. 681/Del/82 filed on 8th September, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

2 Claims

A process for the production of silane from silica by the method as claimed in Indian Patent No. 158656 characterised in that the magnesium for use in reducing silica to magnesium silicide is the one obtained by recycling magnesium obtained from the magnesium chloride produced in the main process and, wherein, the hydrochloric acid used to obtain silane from the magnesium silicide in the main process being one derived from the chlorine recovered from the magnesium chloride produced in the main process and, wherein, said magnesium and said chlorine are recovered from said magensium chloride by subjecting same to a step of evaporation and electrolysis of the evaporated product.

Compl. specn. 7 pages. Drg. 1 sheet

CLASS : 163650

Int. Cl.[4] : C 07 C 153/01, 153/07.

"AN IMPROVED PROCESS FOR THE PREPARATION OF THIOL ESTERS".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventors : BANDARU RAJANIKANTH & BHAGAVATNULA RAVINDRANATH.

Application for Patent No. 677/Del/86 filed on 25th July, 1986.

Ante-dated 25th January, 1985.

Divisional to application No. 556/Del/84 filed on 9th July, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

6 Claims

An improved process for the preparation of thiol esters which comprises heating a thiol carboxylic acid of the formula R' COSH where R' is aryl, alkyl or ecyl group in an aprotic non polar solvent with a zinc salt and base and reacting the resultant mixture with an alkyl halide of the formula RX where R is an alkyl radical and X is a halogen.

The product of this invention are useful in food flavourings.

Compl. specn. 6 pages.

CLASS : 163651

Int. Cl. : E 21 b 47/00.

METHOD AND APPARATUS FOR ELECTRICALLY INVESTIGATING A BOREHOLE.

Applicant : SCHLUMBERGER LIMITED, AT 277 PARK AVENUE, NEW YORK, NEW YORK 10017, U. S. A.

Inventor : 1. STANLEY C. GIANZERO.

Application No. 895/Cal/82 filed July 30, 1982.

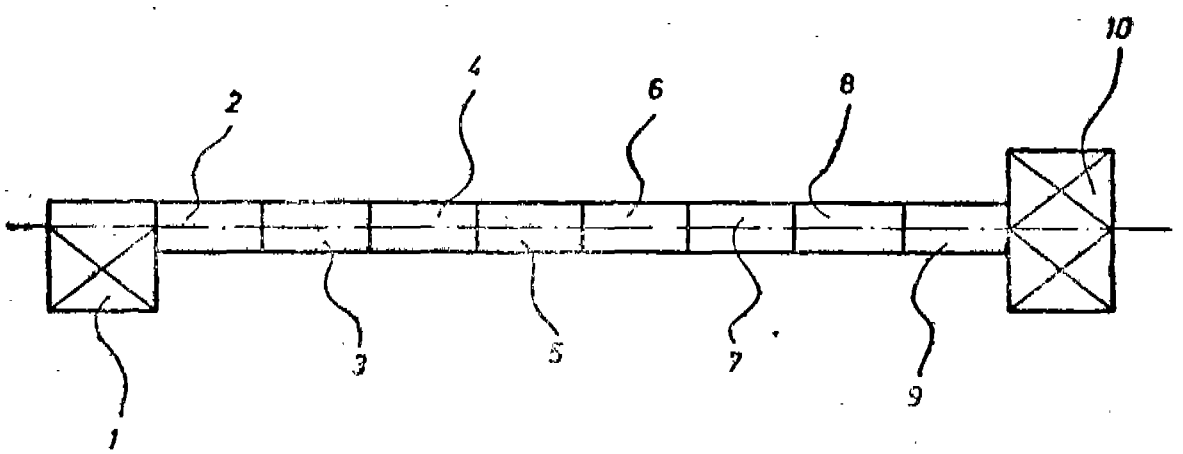
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims

An apparatus for electrically investigating a borehole adapted to be connected to a borehole tool for investigating the resistivity of earth formation penetrated by a borehole, characterized by :

a pad comprising an array of physically separate measure, current, survey and source electrodes for electrical communication with the wall of the borehole, said array of electrodes being spread along a selected survey direction over a distance which is greater than the dimension of a said electrode in said selected survey direction, each of said electrodes effectively partially overlapping at least one other of said electrodes in the array along said selected survey direction so that said overlap between said electrodes extends throughout said array along the selected survey direction.

Compl. specn. 27 pages. Drgs. 4 sheets



CLASS : 188. 163652

Int. Cl. : C 23 b 5/10.

PROCESS AND MEANS FOR OBTAINING HOT GALVANIZED FINNED TUBES.

Applicant : HOESCH AKTIENGESELLSCHAFT, OF EBERHARDSTRASSE 12, 4600 DORTMUND 1, GERMANY.

Inventors : 1. WERNER ACKERMANN, 2. KLAUS SCHIRMULY.

Application No. 774/Cal/84 filed November 7, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

Process for obtaining hot-galvanizing finned tubes of varying geometry which are degreased, pickled, rinsed and then immersed into a galvanizing bath for being coated with zinc or zinc alloy, characterized in that the finned tubes are being successively passed automatically to each successive stage comprising degreasing, rinsing, pickling, heating galvanizing, cooling, drying, chromating by means of a transporting device consisting of horizontally and vertically mounted supporting, guiding and driving rollers or a transporting change, the finned tubes being heated continuously under a protective gas atmosphere from about room temperature to a galvanizing temperature ranging from 450°C to 560°C before they are flooded in a galvanizing furnace under a protective gas atmosphere.

Compl. specn. 12 pages. Drgs. 2 sheets

CLASS : 163653

Int. Cl. C 07 k 15/00, 15/04; C 12 p 21/02.

A METHOD FOR PRODUCING A HUMAN PHYSIOLOGICALLY ACTIVE POLYPEPTIDE HAVING TUMOR NECROSIS FACTOR (TNF) ACTIVITY.

Applicant : ASAHI KASEI KOGYO KABUSHIKI KAISHA, 2—6, DOJIMAHAMA 1-CHOME, KITA-KU, OSAKA-SHI, OSAKA, JAPAN.

Inventors : 1. ROBERT BRUCE WALLACE, 2. HIRATAKA ITOH.

Application No. 125 Cal/85 filed February 21, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A method for producing a human physiologically active polypeptide having tumor necrosis factor (TNF) activity which comprises :

(a) ligating a DNA which codes for a human physiologically active polypeptide such as herein described and having TNF activity to a replicable expression vector which is capable of expressing said DNA to obtain a replicable recombinant DNA comprising said DNA and said replicable expressing vehicle;

(b) transforming cells of a microorganism or cell culture with said replicable recombinant DNA to form transformants;

(c) selecting said transformants from parent cells of the microorganism or cell culture;

(d) incubating said transformants, causing said transformants to express said DNA and produce a human physiologically active polypeptide; and

(e) isolating said human physiologically active polypeptide from the incubated transformants.

Compl. specn. 87 pages. Drgs. 11 sheets

CLASS : 108-C_3. 163654

Int. Cl. : C 21 c 7/02.

PRETREATMENT OF HOT METAL FOR THE PRODUCTION OF STEEL.

Applicant & Inventor : DR. AYYAPPANKAVE SUBRAMANIAN VENKATADRI, RESEARCH MANAGER, R & D CENTRE FOR IRON & STEEL, SALL, HINOO, DORANDA RANCHI AND DR. SAIBAL KANTI GUPTA, DIRECTOR, R&D CENTRE FOR IRON & STEEL SALL HINOO DORANDA RANCHI.

Application No. 300/Cal/85 filed April 19, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

In the process for the production of steel, the improvement comprises in the pretreatment of the hot metal containing 1.0- 2% silicon, 0.04 -0.08% sulphur, 0.25 -0.35% phosphorus and having low temperature of 1250—1400°C by subjecting said hot metal to desiliconization in a known manner, removing by decantation the major portion of the slag which is highly fluid, deactivating the remaining slag by addition of aluminium shots (1 kg/t) or crushed coke on the top of the ladle slage to reduce the iron oxide content, subsequently adding reactive lime (8 kg/t) to flux with the silica and alumina contents of the slag and to reduce the iron oxide activity in the slag and finally desulphurizing the desiliconized hot metal by injecting a mixture of soda ash and lime in a rato of 6:1, with addition of spar without removing new slag formed in the ladle.

Compl. specn. 10 pages. Drgs. 2 sheets

CLASS : 32-F_3 c+55-E_2, 4. 163655

Int. Cl. : A 01 n 9/00; C 07 c 37/22, 39/08.

A PROCESS FOR RECOVERY OF CATECHOL.

Applicant : UNION CARBIDE INDIA LIMITED OF 1, MIDDLETON STREET, CALCUTTA, INDIA.

Inventors : 1. JAYANT MAHADEO KANHERE, 2. KANJIRAMPARA SIVASANKARAN.

Application No. 384/Cal/85 filed May 21, 1985.

Divisional of Appl. No. 261/Cal/84 dated 21st April, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for recovery of catechol from the bottom fractions of alkylation reactions thereof which comprises in subjecting said fractions to the step of distillation and crystallization, characterized in that said step of distillation being carried out under vacuum of 5 to 300 mm Hg.

Compl. specn. 8 pages. Drg. Nil

CLASS 206-E. 163656

Int. Cl. :H 04 1 5/00.

A COMMUNICATION AND COTROL SYSTEM.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. LEONARD CHARIES VERCELLOTTI, 2. WILLIAM ROBERT VERBANETS, JR., 3. THEODORE HUGHES YORK.

Application No. 457/Cal/85 filed June 21, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A communication and control system employing a common network line, means for developing a plural bit binary message signal which includes a message start signal having a high value extending for a duration of two bit intervals and at least one message control bit having one logic value which designates a plurality of message bits as instruction bits to enable an interface to be set up between said common network line and a micro computer, the other logic value of said control bit designating a plurality of message bits as data bits for the microcomputer after said interface has been enabled, central controller means for supplying said developed plural bit binary message signal to said common network line, a plurality of digital integrated circuit devices each of which is connected in parallel to said common network line, a plurality of digital intergrated circuit devices each of which is connected in parallel to said common network line adapted to receive messages from said central controller means and means in each of said devices for setting up an interface to an associated microcomputer when said control bit has said one logic value and said instruction bits comprises an enable interface instruction.

Compl. specn. 99 pages. Drgs. 30 sheets

CLASS : 33-A & D. 163657

Int. Cl. : B 22 d 11/00, 37/00.

FIRE-PROOF PAIR OF PLATES FOR SWIVEL LOCKS OR ROTARY SLIDE LOCKS.

Applicant : METACON AG., OF OERLIKONERSTR, 88 CH-8057 ZURICH, SWITZERLAND.

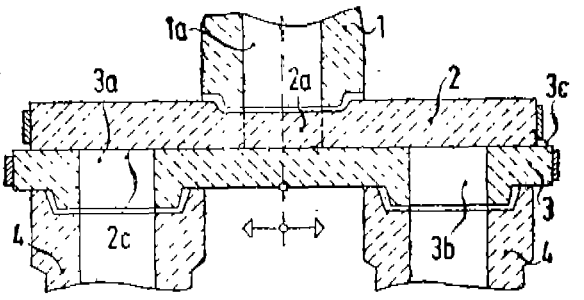
Inventors : 1. BERNHARD TINNES, 2. WALTER VETTERLI.

Application No. 464/Cal/85 filed June 21, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Fire-proof pair of plates for swivel locks or rotary slide locks adapted to be used specially for casting steel smelters, consisting of a stationary base plate with a flow opening situated under the spout as also with movable slide plate with two flow openings adjustable according to choice under the base plate opening, which are situated in locked state symmetrical to the base plate opening with the same on a common swivel arch, wherein the base plate (2) on which the centre line (5) marking the locked state has a reverse flow opening (2b) situated inside the swivel arch (7).



Compl. specn. 12 pages. Drgs. 2 sheets

CLASS : 128-G. 163658

Int. Cl. : A 61 1 17/00.

COATED MONOFILAMENT SUTURES.

Applicant : ETHICON, INC., SOMERVILLE, NJ U.S.A.

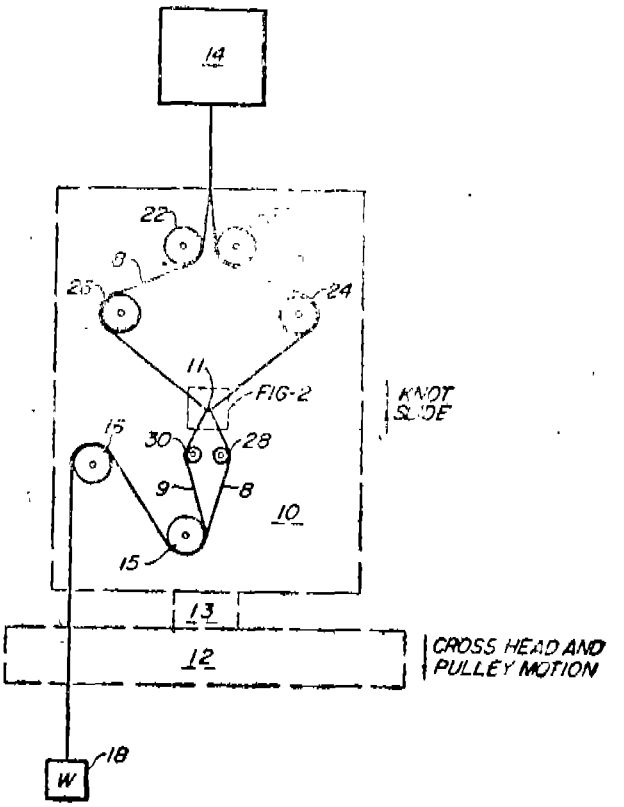
Inventors : 1. ADEL KAFRAWY, 2. ALASTAIR WILSON HUNTER.

Application No. 608/Cal/85 filed August 21, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A suture having improved tie-down roughness performance comprising a monofilament, the outer surface of which is coated with an effective amount of a low molecular weight



aliphatic polyester which has a number average molecular weight within the range of from about 1000 to about 15,000.

Compl. specn. 20 pages. Drgs. 2 sheets

CLASS : 64-B_8. 163659

Int. Cl. : H 01 r 31/06.

ADAPTER FOR AN ELECTRICAL INSTALLATION DEVICE.

Applicant : BROWN, BOVERI & CIE AG., OF D-6800 MANNHEIM-KAFERTAL, KALLSTADTER STRASSE 1, WEST GERMANY.

Inventors : 1. RUDOLF SELLNER, 2. ERWIN MUDERS.

Application No. 696/Cal/85 filed October 3, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An adapter (10) which can be attached to the bottom of an electrical installation device (31), particularly a safety switch, and to which are attached plug pins (22,23) that are current-supply and current-removal connectors; characterized in that each plug pin (22) (23) has a capshaped rounded-off head (24), the adapter (2) has holes (13,14) with catches 17 and 18 which hold and secure the plug pins, each of these holes narrowing at the bottom end adjacent to the installation device when in the mounted position, and the inner countour of these narrowing holes carrespond to the outer contours of the head (24) of the relevant plug pins (22, 23) for proper fitment.

Compl. specn. 9 pages. Drgs. 2 shetes

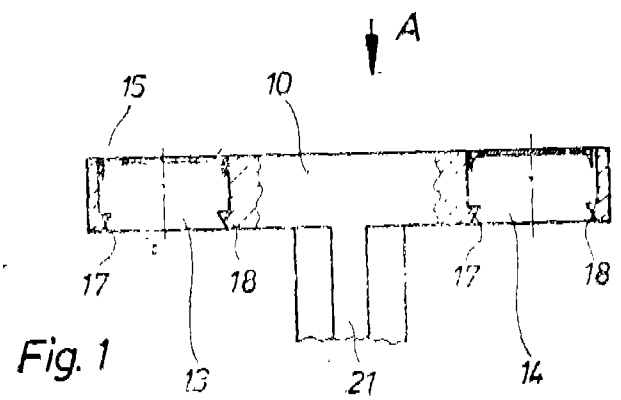


Fig. 1

CLASS : 23-H & 99-B. 163660

Int. Cl. : B 65 d 1, 26, 53/04.

A CAN PROCESS FOR ITS PRODUCTION AND APPARATUS FOR CARRYING OUT THE PROCESS.

Applicant : GRABHER INDOSA-MASCHINENBAU AG. INDUSTRIESTRASSE 24, CH 9434 AU, SWITZERLAND.

Inventor : 1. GRABHER WERNER.

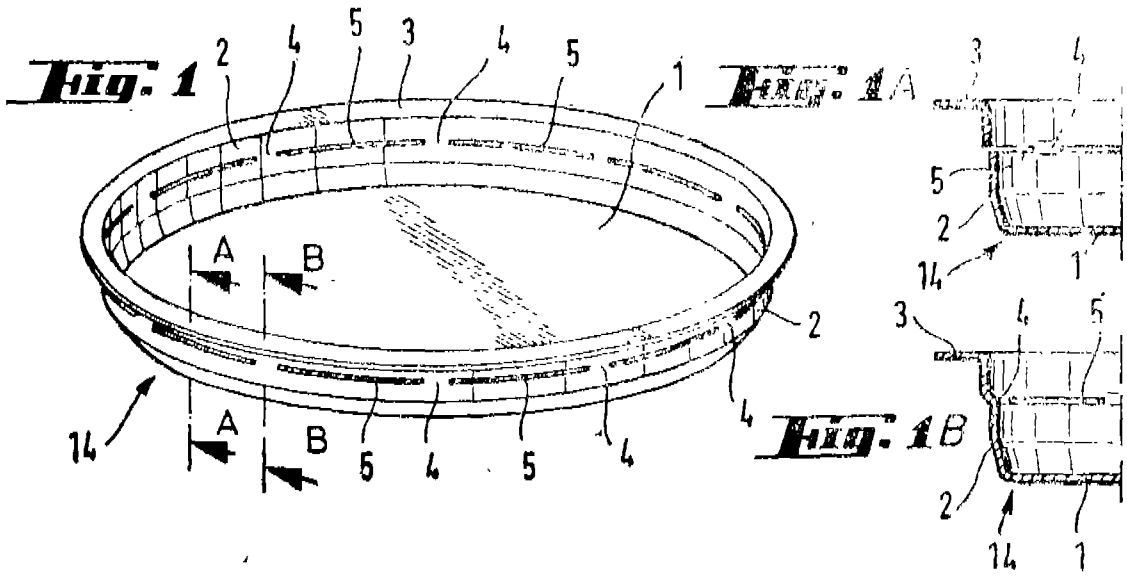
Application No. 506/Cal/86 filed June 9, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A can consisting of a body (17) having an inner coating (18), at least one orific of the said body being sealed by means of a memberane disc (14), the upward-projecting collar (21) of which is tightly bonded to the inner coating (18) via a sealing or adhesive layer (24), the upper edge (19) of the collar (21) ending at a distance from the cut edge (16) of the body (17) and an annular overlap part (3) beginning at a distance (a) from this upper edge (19), the said overlap part leaving an uncovered and intact annular strip (22) on the inner coating (18) and being flanged over the cut edge (16) of the body (17), characterized in that the upper edge (19) of the collar (21) and the inner lower edge (23) of the overlap part (3) are each cut over 70% to 99% of their periphery, and are each torn over 30% to 1% of their periphery.

Compl. specn. 11 pages. Drgs. 4 sheets



R. A. ACHARYA,
Controller General of Patents
Designs and Trade Marks

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